



March 5, 2014

Ms. Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street, SW
Washington, D.C. 20554

RE: Connect America Fund, WC Docket No. 10-90: Technology Transitions, GN
Docket No. 13-5

Dear Ms. Dortch:

Copper Valley Telephone Cooperative, Inc. (CVT) hereby submits its non binding expression of interest for the use of IP Transition Experimental funding as outlined in the order, Order Report and Order and Further Notice of Proposed Rulemaking, Proposal for Ongoing Data Initiative, released January 31, 2014.

CVT is a member owned, rural telephone cooperative serving approximately 9,600 square miles in remote southcentral Alaska. CVT has been providing telecommunication services for over 50 years to 6 exchanges. CVT is a full service telecommunications company providing wire line and wireless service, long distance and internet.

The two areas that CVT is proposing to serve through the Rural Broadband Experiment program are areas where it is not economically prudent to deploy high-speed broadband service absent some level of government support.

Please feel free to contact me at 907-835-7701 if you have any questions or need further information.

Respectfully submitted,

David Dengel
CEO/GM
Copper Valley Telecom

Attachment (2)

ATTACHMENT A

Expression of Interest to Conduct a Rural Experiment Copper Valley Telephone Cooperative Slana

Copper Valley Telephone Cooperative, Inc. (CVT). CVT is a member owned, rural telephone cooperative serving approximately 9,600 square miles in remote south-central Alaska. CVT has been providing telecommunication services for over 50 years to 6 exchanges. CVT is a full service telecommunications company providing wire line and wireless service, long distance and high speed internet service. CVT has a robust fiber network with over 360 route miles of fiber.

Slana is a homesteading area approximately 270 miles from Anchorage and 180 miles from the Canadian border. The area is home to approximately 150 people. There is an Alaska Department of Transportation and Public Facilities station, the Slana Community Center, a school and a National Park Service work camp located in the community. In addition to providing broadband to the Community Center, there are 73 households that broadband will be made available to.

The following census blocks would be served by this experiment:

22610001001238	22610001001248	22610001001252	22610001001251
22610001001262	22610001001246	22610001001287	
22610001001244	22610001001240	22610001001266	
22610001001267	22610001001268	22610001001241	
22610001001249	22610001001247	22610001001254	
22610001001253	22610001001243	22610001001288	
22610001001250	22610001001242	22610001001245	

CVT is proposing to install fiber to the community center and then deploy fiber to the node and copper distribution to the premise. With current technologies this will allow the delivery of broadband speeds of over 50 Mbps.

CVT through Copper Valley Solutions offerings the following broadband offerings at speed tiers of 3, 10, 15, 18 Mbps. Over this IP-based network, customers would be offered voice and broadband services.

The total capital budget for the proposed project is estimated to be \$1.0 million.

ATTACHMENT B

Expression of Interest to Conduct a Rural Experiment Copper Valley Telephone Cooperative Lake Louise

Copper Valley Telephone Cooperative, Inc. (CVT). CVT is a member owned, rural telephone cooperative serving approximately 9,600 square miles in remote south-central Alaska. CVT has been providing telecommunication services for over 50 years to 6 exchanges. CVT is a full service telecommunications company providing wire line and wireless service, long distance and high speed internet service. CVT has a robust fiber network with over 360 route miles of fiber.

Lake Louise is located between four mountain ranges: The Wrangell, Talkeetna, Chugach and Alaska Ranges. It has a total area of 74.2 square miles of which, 47.9 square miles of it is land and 26.4 square miles of it is water.

There are many small islands at the south end of the lake, most of which have homes built on them. There are also several private resorts and marinas, and a state recreation area with campgrounds and a boat launch. It lies on the western edge of historic Copper River Ahtna Athabascan territory. During the 1940s, the area was homesteaded through BLM land disposals and later state land sales. The area is now a designated state recreation area. Lake Louise Recreation Area is popular for boating and fishing. The majority of homes are used only seasonally.

Lake Louise lies 32 miles northwest of Glennallen, on the western border of the Mat-Su Borough, north of the Glenn Highway. Lake Louise Road is 19.3 miles long, from mile 159.8 of the Glenn Highway. Students are home-schooled or attend Little Nelchina Lake School, at milepost 170 of the Glenn Highway

The following census blocks would be served by this experiment:

21700002002493	21700002002091	21700002002492
21700002002497	21700002002498	21700002002505
21700002002501	21700002002503	21700002002517
21700002002496	21700002002508	21700002002012
21700002002500	21700002002504	21700002002506
21700002002507	21700002002502	22610001002079
21700002002499	21700002002495	22610001002085
22610001002014	21700002002494	21700002002087
22610001002086		

CVT is proposing to install composite fiber optic cable from its cellular site to the south shore of Lake Louise. The fiber optic cable will provide Ethernet broadband service to a local cabinet that house a small cell LTE radio will be powered via the fiber composite cable for the CVW cell site. A 100 foot pole will

be placed and the appropriate antennas to cover the Lake Louise area using LTE 700 MHz. Copper will be deployed to the three lodges that are located within 2 miles of the site.

CVT through Copper Valley Solutions and Copper Valley Wireless will offer the following broadband offerings at speed tiers of 3, 10, 15, 18 Mbps. Over this wireless technology customers would be offered voice and broadband services.

The total capital budget for the proposed project is estimated to be \$700,000.